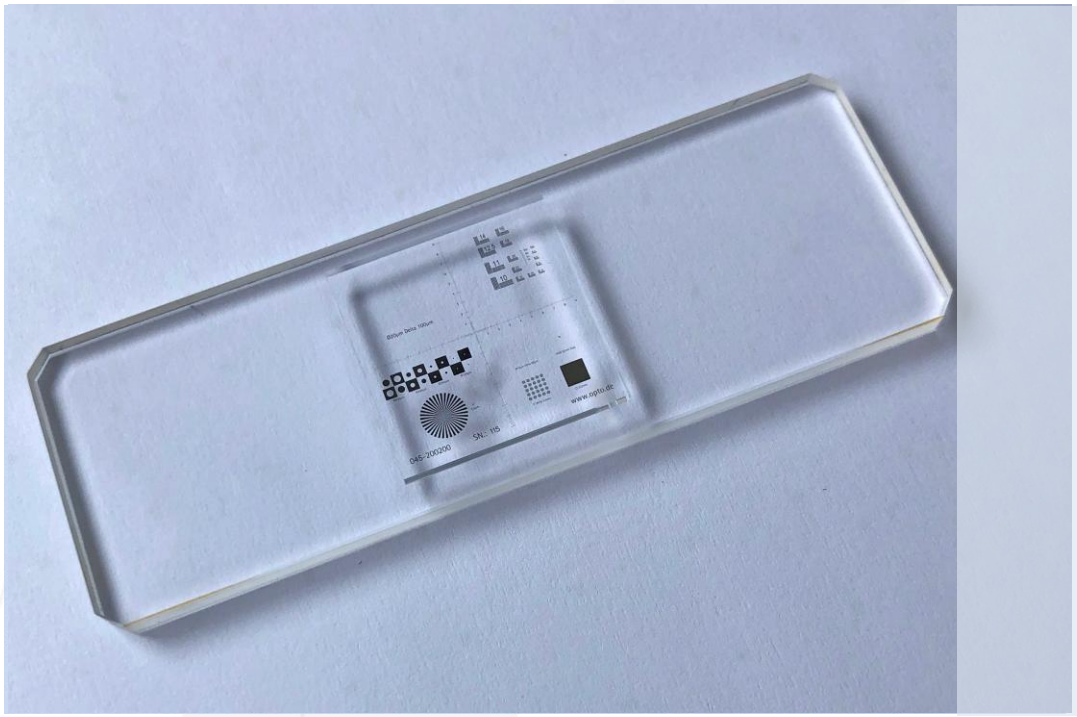
Calibration Target Micro V2 with Resolution Test 1000 LP/mm

High resolution micro-imaging pattern

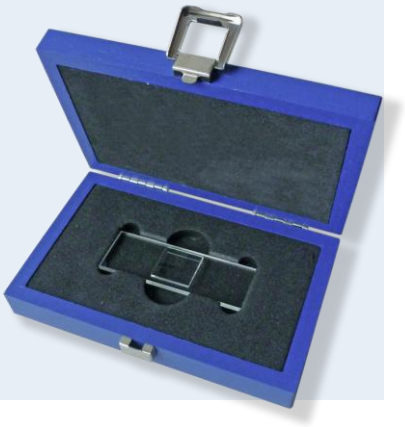


High Class Imaging Technology at Opto

Optical calibration and resolution testing are critical metrics in understanding and optimizing any optical system.

The **Calibration Target Micro V2** stands out for combining extremely useful resolution data with ultra-high-resolution microstructures. Together, these features enable the efficient and precise optimisation of any optical setup.

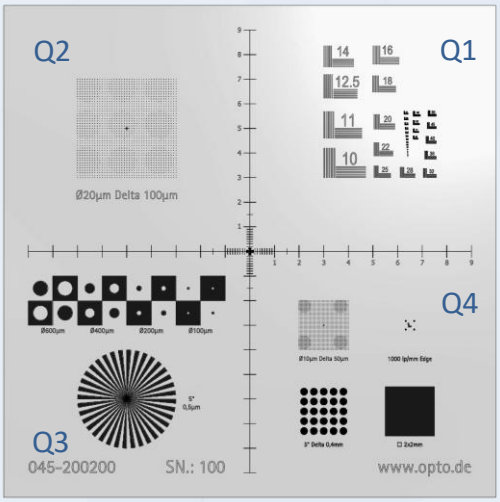
- ultra-high-definition micro features, compatible to the most demanding optical calibration requirements
- four unique quadrants combining resolution targets to measurement scales
- supplied in a dedicated padded storage case



Technical Features

Item number	045-200200
Structure*	high reflective chrome on glass
Minimal structure size	0.5 µm
Maximal structure size	600 µm
Structure shapes	various shapes
Scale	in x- and y-direction with an accuracy of +/- 0.5 µm
Dimension	76 x 26 x 4.5 mm
Weight	17 g
DAkkS-certification (accreditation in accordance with DIN EN ISO/IEC17025) available on request	

*Particles can remain at small structures on the mask due to the manufacturing process.



Calibration Target Micro V2 contains defined structures in different shapes and sizes for easy system calibration and distortion detection.

- Q1 10 lp/mm to 1000 lp/mm (1100 lp/mm as bonus, not specified)
- Q2 matrix 40 x 40 dots Ø 20 µm, 100 µm grid
- Q3 positive, negative dots, Siemens star and serial number structure
- Q4 matrix 40 x 40 dots Ø 10 µm, 50 µm grid
  10° edge in center of 4x line pair matrix (1000 lp/mm)
  5x5 Siemens star matrix, 0.4 mm grid
  2x2 mm full chrome square
- Scale in x- and y-direction with an accuracy +/- 0,5µm

Technical Drawing